EAST

L Numbe			DB	Time stamp
_	911	428/36.9.ccls.	USPAT;	2003/04/22 15:58
_	333	428/36.9.ccls. and adhesive	US-PGPUB USPAT;	2003/04/22 16:45
-	20	(428/36.9.ccls. and adhesive) and butylene	US-PGPUB USPAT;	2003/04/22 16:00
_	3020	foam and metal	US-PGPUB JPO	2003/04/22 16:04
-	17	428/36.9.ccls. and tie adj layer	USPAT; US-PGPUB	2003/04/22 16:45
	58	(428/36.9.ccls. and adhesive) and foam	USPAT; US-PGPUB; JPO	2003/04/22 16:46
-	593	428/36.9.ccls. and @ad<=19971218	USPAT; US-PGPUB;	2003/04/23 09:48
-	62	(428/36.9.ccls. and @ad<=19971218) and foam	JPO USPAT; US-PGPUB; JPO	2003/04/22 17:12
-	1010	(138/97).CCLS.	USPAT; US-PGPUB	2003/04/22 17:25
-	2	((138/97).CCLS.) and foam adj adhesive	USPAT;	2003/04/22 17:13
-	89	((138/97).CCLS.) and foam	US-PGPUB USPAT;	2003/04/22 17:25
-	38	(((138/97).CCLS.) and foam) and	US-PGPUB USPAT;	2003/04/22 17:15
_	28		US-PGPUB USPAT;	2003/04/22 17:15
-	46	@ad<=19971218) and polyethylene ((((138/97).CCLS.) and foam) and @ad<=19971218) not ((((138/97).CCLS.) and	US-PGPUB USPAT; US-PGPUB;	2003/04/22 17:23
_	706	foam) and @ad<=19971218) and polyethylene)	JPO USPAT;	2003/04/22 17:25
_	251	((138/140).CCLS.) and @ad<=19971218	US-PGPUB USPAT; US-PGPUB;	2003/04/22 17:25
_	23		JPO USPAT;	2003/04/22 17:46
-	1	foam ("6274071").PN.	US-PGPUB USPAT;	2003/04/22 17:48
_	1	("6446674").PN.	US-PGPUB USPAT;	2003/04/22 17:48
_	17	"3411981" "3467565" "3726743" "3956438" "3957566" "4009063"	US-PGPUB USPAT	2003/04/23 08:45
		"4085175" "4141773" "4322260" "4364882" "4383812" "4386628"		
		"4462778" "4465449").PN.	порам	2003/04/23 08:52
-	20 2	4640313.URPN. ("6203651").PN.	USPAT USPAT; US-PGPUB; EPO;	2003/04/23 09:12
_	1 . 2	1997-202699.NRAN. ("6053214").PN.	DERWENT DERWENT USPAT; US-PGPUB; EPO;	2003/04/23 09:22 2003/04/23 09:12
- -	1 10	"4640313" "5228186" "5304590"	DERWENT DERWENT USPAT	2003/04/23 09:12 2003/04/23 09:14
	1	"5480692" "5613524" "5655572" "5843539").PN. ("4009063").PN.	USPAT;	2003/04/23 09:24
	1	("4064211").PN.	US-PGPUB USPAT;	2003/04/23 09:48
-			US-PGPUB USPAT	2003/04/23 09:36
_	76 455	4064211.URPN. (285/397,398).CCLS.	USPAT; US-PGPUB	2003/04/23 09:48

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-	140	((285/397,398).CCLS.) and @ad<=19971218	USPAT; US-PGPUB; JPO	2003/04/23 10:30
_	0	(((285/397,398).CCLS.) and @ad<=19971218) and cross\$1link\$3	USPAT; US-PGPUB; JPO	2003/04/23 09:52
_	62	(((285/397,398).CCLS.) and @ad<=19971218) and plastic	USPAT; US-PGPUB; JPO	2003/04/23 09:52
_	21	((((285/397,398).CCLS.) and @ad<=19971218) and plastic) and collar	USPAT; US-PGPUB; JPO	2003/04/23 10:28
_	283	pipe and (lining liner) and foam and corrugat\$3	USPAT; US-PGPUB; JPO	2003/04/23 10:30
-	209	(pipe and (lining liner) and foam and corrugat\$3) and @ad<=19971218	USPAT; US-PGPUB; JPO	2003/04/23 10:54
-	1619	metal and polyethylene and polyethylene adj foam	USPAT; US-PGPUB; JPO	2003/04/23 10:52
_	954	(metal and polyethylene and polyethylene adj foam) and (adhesive tie adj layer)	USPAT; US-PGPUB; JPO	2003/04/23 10:53
_	92	((metal and polyethylene and polyethylene adj foam) and (adhesive tie adj layer)) and multi\$1layer	USPAT; US-PGPUB; JPO	2003/04/23 10:53
-	129	((metal and polyethylene and polyethylene adj foam) and (adhesive tie adj layer)) and (multi\$llayer multi\$llayered)	USPAT; US-PGPUB; JPO	2003/04/23 10:54
_	84	(((metal and polyethylene and polyethylene adj foam) and (adhesive tie adj layer)) and (multi\$llayer multi\$llayered)) and	USPAT; US-PGPUB; JPO	2003/04/23 11:47
_	695	<pre>@ad<=19971218 ((metal and polyethylene and polyethylene adj foam) and (adhesive tie adj layer)) and @ad<=19971218</pre>	USPAT; US-PGPUB; JPO	2003/04/23 11:50
_	330	polyethylene adj foam with adhesive	USPAT; US-PGPUB; JPO	2003/04/23 11:49
_	178	<pre>(polyethylene adj foam with adhesive) and (metal cement)</pre>	USPAT; US-PGPUB; JPO	2003/04/23 11:50
_	137	((polyethylene adj foam with adhesive) and (metal cement)) and @ad<=19971218	USPAT; US-PGPUB; JPO	2003/04/23 11:53
-	495	(428/35.9).CCLS.	USPAT; US-PGPUB	2003/04/23 11:53
_	388	((428/35.9).CCLS.) and @ad<=19971218	USPAT; US-PGPUB; JPO	2003/04/23 12:15
_	46	(((428/35.9).CCLS.) and @ad<=19971218) and foam	USPAT; US-PGPUB; JPO	2003/04/23 12:09
-	21	foam with tie adj layer .	USPAT; US-PGPUB; JPO	2003/04/23 12:14
_	9287	metal adj pipe	USPAT; US-PGPUB; JPO	2003/04/23 12:15
-	506	(metal adj pipe) and foam	USPAT; US-PGPUB; JPO	2003/04/23 12:15
-	178	((metal adj pipe) and foam) and polyethylene	USPAT; US-PGPUB; JPO	2003/04/23 12:15
_	124	(((metal adj pipe) and foam) and polyethylene) and @ad<=19971218	USPAT; US-PGPUB; JPO	2003/04/23 12:49

	1163			
-	1163	foam adj adhesive	USPAT;	2003/04/23 12:49
			US-PGPUB;	
	640		JPO	
-	640	(foam adj adhesive) and metal	USPAT;	2003/04/23 12:49
1			US-PGPUB;	
-			JPO	
-	272		USPAT;	2003/04/23 12:49
		polyethylene	US-PGPUB;	
			JPO	
-	187	(((foam adj adhesive) and metal) and	USPAT;	2003/04/23 16:15
		polyethylene) and @ad<=19971218	US-PGPUB;	
			JPO	
-	60	((((foam adj adhesive) and metal) and	USPAT;	2003/04/23 12:50
		polyethylene) and @ad<=19971218) and (tube	US-PGPUB;	
		pipe)	JPO	
-	76	(((138/97).CCLS.) and foam) and	USPAT;	2003/04/23 13:20
		@ad<=19971218	US-PGPUB;	
			JPO	
-	58	corrugated adj metal adj pipe	USPAT;	2003/04/23 15:49
			US-PGPUB	
-	19	("0127438" "0887084" "1263340"	USPAT	2003/04/23 14:33
		"1270579" "1644823" "1806920"		
		"2125447" "3199541" "3224814"		
		"3435852" "3445584" "3474514"	İ	
	i	"3550639" "3572394" "3731711"		į.
		"3872893" "4161194" "4304266"		
		"4630650").PN.		
-	6	4964440.URPN.	USPAT	2003/04/23 14:34
-	4	4438056.URPN.	USPAT	2003/04/23 14:35
-	8	("2746090" "2907074" "3345245"	USPAT	2003/04/23 14:41
		"3422856" "3651180" "3894131"		
		"4245970" "4367105").PN.		
-	8	grafted adj polyethylene with foam	USPAT;	2003/04/23 16:13
			US-PGPUB	
-	287	cross\$1link\$3 and plastic and pipe and	USPAT;	2003/04/23 16:14
		sleeve and (couple coupling)	US-PGPUB;	
1			DERWENT	
-	161	(cross\$1link\$3 and plastic and pipe and	USPAT;	2003/04/24 11:31
		sleeve and (couple coupling)) and	US-PGPUB;	
		@ad<=19971218	JPO	
_	20	(cross\$1link\$3 and plastic and pipe and	USPAT;	2003/04/24 11:32
		sleeve and (couple coupling)) and	US-PGPUB;	
		@ad<=19971218 and collar	DERWENT	
_	20	(cross\$1link\$3 and plastic and pipe and	USPAT;	2003/04/24 11:32
		sleeve and (couple coupling)) and	US-PGPUB;	1
İ		@ad<=19971218 and collar	JPO	
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